

CLAIMS

1. A planar light emitting device comprising
a transparent body made of a transparent synthetic resin layer containing no
light scattering material;

5 a semi-transparent body made of a semi-transparent synthetic resin layer
containing a light scattering material;

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a diffusion layer formed between the transparent body and the semi-transparent
body by joining the transparent body and the semi-transparent body, the diffusion layer
having a sea-islands structure composed of a sea and a multiplicity of islands of
10 irregular solid shapes provided on the sea in plan view;

at least the transparent body, the semi-transparent body and the diffusion layer
defining a planar light emitter; and

a light source disposed at least at one side of the planar light emitter.

15 2. A planar light emitting device according to claim 1, in which the planar light
emitter has a flat plate shape and comprises two or more layers of the transparent
bodies, and the semi-transparent body is interposed between the transparent
bodies.

20 3. A planar light emitting device according to claim 1, in which the planar light
emitter has a flat plate shape and comprises three or more layers of the transparent
bodies and two or more layers of the semi-transparent bodies, and the semi-
transparent bodies are interposed between the transparent bodies, respectively,
thereby providing three or more of the diffusion layers.

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4. A table comprising a top board on which the light emitting device of claim 1 is disposed.

5. A table according to claim 4, in which the planar light emitter comprises at least two layers of the transparent bodies and the semi-transparent body interposed between the transparent bodies, the transparent bodies are disposed on an upper surface and a lower surface of the top board, respectively, so as to illuminate an upper side and a lower side of the top board.

6. A planar light emitting device according to claim 1, in which the planar light emitter has a rod shape and comprises the semi-transparent body at least at a portion of a cross section thereof, and the diffusion layer exists at least at the portion.

7. A planar light emitting device according to claim 1, in which the light source comprises an LED.

8. A vehicle meter comprising a meter having an element, the element being formed by the planar light emitting device according to claim 7.

9. A vehicle meter according to claim 8, in which the element of the meter comprises a pointer.

10. A vehicle meter according to claim 8, in which the element of the meter comprises a dial.

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11. A vehicle meter according to claim 8, in which the element of the meter comprises a pointer and a dial.

5 12. A vehicle meter according to claim 8, in which the LED comprises two or more colors of LEDs so as to control a light emitted from the element of the meter into a plurality of colors.

10 13. A side step for a vehicle comprising the planar light emitting device of claim 7.

14. A side step for a vehicle according to claim 13, in which the planar light emitter has an elongate rectangular flat plate shape so as to form a main part of the side step, and the transparent body is disposed on one thickness side of the side step so as to illuminate a lower side of a door of the vehicle.

15 15. A sound illumination device comprising the planar light emitting device of claim 7.

20 16. A sound illumination device according to claim 15, in which the planar light emitter has a ring plate shape, and the LED is controlled to emit light in accordance with sounds of a speaker so as to illuminate the planar light emitter.

17. A stick lamp comprising the planar light emitting device of claim 7.

25 18. A stick lamp according to claim 17, in which the transparent body has a

tubular shape so as to be disposed on an outer periphery, and the semi-transparent body is filled in the transparent body.

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